

ABSTRACT

A method of synchronization for a network and a system is provided, wherein a first device is utilized to decode an audio signal and a second device is utilized to decode a video signal. The method of synchronization includes determining an output difference. In one embodiment, the output difference is calculated by determining a first processing speed of a first decoder in the first device and determining a second processing speed of a second decoder in the second device. In another embodiment, the method of synchronization further includes utilizing the difference between the first processing speed and the second processing speed to synchronize the audio signal with the video signal. In a further embodiment, a decoded audio signal is stored in a first buffer in the first device. In yet another embodiment, the method of synchronization further includes utilizing the difference between the first processing speed, the second processing speed and a distance between the first device and the second device to synchronize an output of the audio signal stored in the first buffer with the video signal.